

```
<> index.html JS script.js x
JS script.js > ...
1 // 1. Using for loops, write a Javascript program to output the fol:
2 // pattern -
3 // 1
4 // 2 3
5 // 4 5 6
6 // 7 8 9 10
7
8 let n=4;
9 let string="";
10 let c=1;
11
12 for(let i=1; i<=n;i++){
13     for(let j=1 ; j<=i ;j++){
14
15         string=string+c;
16         c++;
17     }
18     string=string+"\n";
19 }
20 console.log(string);
21
22 // Write a program to find whether a given number is armstrong numbr
23 // not The Armstrong number is a number that is equal to the sum of
24 // its digits. For example 0, 1, 153, 370, 371 and 407 are the Arms
25 // numbers. Let's try to understand why 153 is an Armstrong number
26
27 var num = 153 ;
28 let result = 0;
29 var rem ;
30 let temp = num ;
```

Assingmen no 4

```
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1 script.js:20
23
456
78910
153 Armstrong number script.js:38
```

```
index.html JS script.js X
JS script.js > ...
21
22 // Write a program to find whether a given number is armstrong number
23 // not The Armstrong number is a number that is equal to the sum of
24 // its digits. For example 0, 1, 153, 370, 371 and 407 are the Arms
25 // numbers. Let's try to understand why 153 is an Armstrong number
26
27 var num = 153 ;
28 let result = 0;
29 var rem ;
30 let temp = num ;
31
32 while(num > 0){
33     rem= num%10;
34     num=num/10;
35     result = rem+ (rem*rem*rem);
36 }
37 if(result=temp){
38     console.log(result + " Armstrong number");
39 }else{
40     console.log(result + " not The Armstrong number");
41 }
42 // Write a program to find whether a given number is special number
43 // not If the sum of the factorial of digits of a number (N) is equi
44 // number itself, the number (N) is called a special number.
45 // eg- 145 is a special number
46 // Logic- 1! + 4! + 5!= 1+24+120 i.e 14
47
48 // var number = 0 ;
49 // let t = number ;
50 // var sum = 0 ;
```

Assingmen no 4

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< index.html

JS script.js

JS script.js > ...

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44 // number itself, the number (N) is called a special number.
45 // eg- 145 is a special number
46 // Logic- 1! + 4! + 5! = 1+24+120 i.e 14
47
48 // var number = 0 ;
49 // let t = number ;
50 // var sum =0 ;
51
52 // while (t > 0){
53 //     var d = t%10;
54
55 //     var f=1;
56 //     for (let i = d ; i < 0; i--){
57 //         f= f*i;
58
59 //     }
60 //     sum=sum+f;
61 //     t=t/10;
62 // }
63 // if(sum==n){
64 //     console.log(number + " is special number");
65 // }else{
66 //     console.log(number + " not a sepcial number");
67 // }
68 // dont know
69 // wrong answer
70
```

Assingmen no 4

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